



COOL YOUR SCHOOL

Kaulunani Urban and Community Forestry Program and the Hawaii Division of Forestry and Wildlife are offering a cost-share grant program along with technical guidance to schools for Tree Planting Projects designed to help cool classrooms.



## A KAULUNANI URBAN & COMMUNITY FORESTRY GRANT PROGRAM

Classroom air temperatures have become a valid point of concern for teachers in Hawaii with some classroom temperatures reaching the high 90's. Almost any sunny day you can drive by a school and if students are outside they are often congregated under the cool shade of a tree. Schools, with proper planning, can make use of nature's own "air conditioner" – trees! By planting shade trees in strategic locations on school campuses schools can maximize their shading and cooling potential.

**DID YOU KNOW** that trees can cool a classroom by up to 10 °F?

- Trees block penetrating direct sunlight reducing ambient temperatures
- Transpiration uses solar energy that would otherwise heat the air

**DID YOU KNOW** that trees have additional **LEARNING, BEHAVIORAL** and **HEALTH** benefits, such as:

- Higher scores on standardized testing
- Fewer disciplinary problems
- Lower levels of stress
- Better concentration
- Fewer sick days

The Kaulunani Council will review pre-proposals and notify the selected schools. Kaulunani staff will work with the selected schools to assist with tree selection, locations for planting trees, cost estimates and preparation of the grant application.

February 19, 2016 PRE- PROPOSALS DUE

*Selected Schools Notified within Two Weeks*

April 8, 2016 FULL PROPOSALS DUE

For Pre-Proposal form and additional application information visit:

Website: <http://dlnr.hawaii.gov/forestry/lap/kaulunani/grants/>

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